

Portland Oregon, Oct 5th

Dear Doctor,

Enclosed you find a description of what I consider a new species of *Helianthus*, which I take pleasure in naming after you, if the name is not occupied. As this is the only specimen I have, my identification may not be correct in all respects, so I should like to have you look at description and plant, and tell me whether this should be published. I sent the only other specimen to Mr Watson several years ago, but he told me the bundle containing it had been lost. I can get more ^{ventures}

Respect, L. F. Hudson
471 Seventh St.

Helianthus Grayi, n. sp.

Biennial, a foot or more high, scabrous and white-hirsute; branches numerous rather divaricate; leaves linear, ^{lowest} or narrowly lanceolate, from 2 to 5 lines broad and from an inch and a half to 2 1/2 inches long, narrowed to a short slender petiole, the lower 3-nerved: heads ~~barely~~ 1/2 an inch high, terminating slender branches, which latter are leafless or nearly so for 2 or 3 inches below the heads: involucre loose; ^{lanceolate or outer narrower,} scales gradually acuminate, ^{slightly} exceeding the disc-flowers: rays 1/2 an inch long strongly veined: chaff of the receptacle gradually or abruptly acuminate, generally reticulate, sometimes ciliate, slightly exceeding the pubescent disc-flowers, coriaceous and pubescent: fertile achenes not numerous, oblong, glabrous, black, flat quadrangular: Pappus subulate, light straw-colored, but slightly shorter than the achenes.

Dry hillsides, "Warm Springs" Indian Res., Wasco Co. Oregon, Aug 11th 81.